



## Patent

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): James H. Schaffner, et al.	)	Re: Information Disclosure Statement
Serial No.: 10/786,736	)	Group: 2817
	)	
Filed: February 24, 2004	)	Examiner: Kimberly Glenn
	)	
	)	Our Ref: B-4958NP 621373-2
For: "RF MEMS SWITCH WITH INTEGRATED) IMPEDANCE MATCHING STRUCTURE"	)	Date: October 17, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the next Office Action on the merits. Copies of the U.S. patent documents listed on the enclosed Form PTO-1449 (modified) are not enclosed in accordance with 37 C.F.R. § 1.98(a) (2) (ii).

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted after the issuance of a first Office Action and before the issuance of a Final Rejection or Notice of Allowance. Therefore, official fees should be due; and this IDS should be considered on the merits. Enclosed is a check for \$180.00 which is the fee set forth in 37 C.F.R. § 1.97(c).

Information Disclosure Statement  
USSN 10/786,736  
October 17, 2005  
Page 2

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on October 17, 2005 by Guillermo Gonzalez.

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Respectfully submitted,



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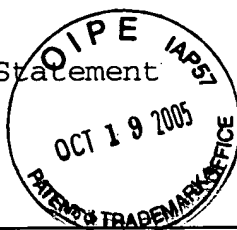
Enclosures: Form PTO-1449 (modified) (2 pages)  
Check for \$180.00

Information Disclosure Statement

USSN 10/786,736

October 17, 2005

Page 3



Form PTO-1449 (Modified) Page 1 of 2	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et al.	
	FILING DATE February 24, 2004	GROUP 2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
	2003/0222738	12/2003	Brown, et al.	333	206	
	2004/0113713	6/2004	Zipper, et al.	333	206	
	5,208,603	5/1993	Yee	343	909	
	5,278,562	1/1994	Martin, et al.	342	1	
	5,619,365	4/1997	Rhoads, et al.	359	248	
	5,619,366	4/1997	Rhoads, et al.	359	248	
	5,621,571	4/1997	Bantli, et al.	359	529	
	6,028,692	2/2000	Rhoads, et al.	359	245	
	6,469,673	10/2002	Kaiponen	343	703	
	6,897,810	5/2005	Dai, et al.	343	700 MS	

	<u>DATE CONSIDERED</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement  
 USSN 10/786,736  
 October 17, 2005  
 Page 4



Form PTO-1449 (Modified) Page 2 of 2	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
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	FILING DATE February 24, 2004	GROUP 2817

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Bushbeck, M.D., et al., "a Tunable Switcher Dielectric Grating," <i>IEEE Microwave and Guided Wave Letters</i> , Vol. 3, No. 9, pp. 296-298 (September 1993)
	Chambers, B., et al., "Tunable Radar Absorbers Using Frequency Selective Surfaces," <i>11th International Conference on Antennas and Propagation</i> , Vol. 50, pp. 832-835 (2002)
	Chang, T.K., et al., "Frequency Selective Surfaces on Biased Ferrite Substrates," <i>Electronics Letters</i> , Vol. 30, No. 15, pp.1193-1194 (July 21,1994)
	Gianvittorio, J.P., et al., "Reconfigurable MEMS-enabled Frequency Selective Surfaces," <i>Electronic Letters</i> , Vol. 38, No. 25, pp. 1627-1628 (December 5, 2002)
	Lima, A.C., et al., "Tunable Frequency Selective Surfaces Using Liquid Substrates," <i>Electronic Letters</i> , Vol. 30, No. 4, pp. 281-282 (February 17, 1994)
	Oak, A.C., et al. "A Varactor Tuned 16 Element MESFET Grid Oscillator," <i>Antennas and Propagation Society International Symposium</i> . pp. 1296-1299 (1995)

	<u>DATE CONSIDERED</u>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.